

EXHIBIT NO. PTX-053 evid.
CAUSE NO. 3:22-CV-134-DR-HSO-LHS
WITNESS SHONE POWELL
CLERK: _____

FEB 26 2024

UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF MISSISSIPPI
Condice Cline, REPORTER

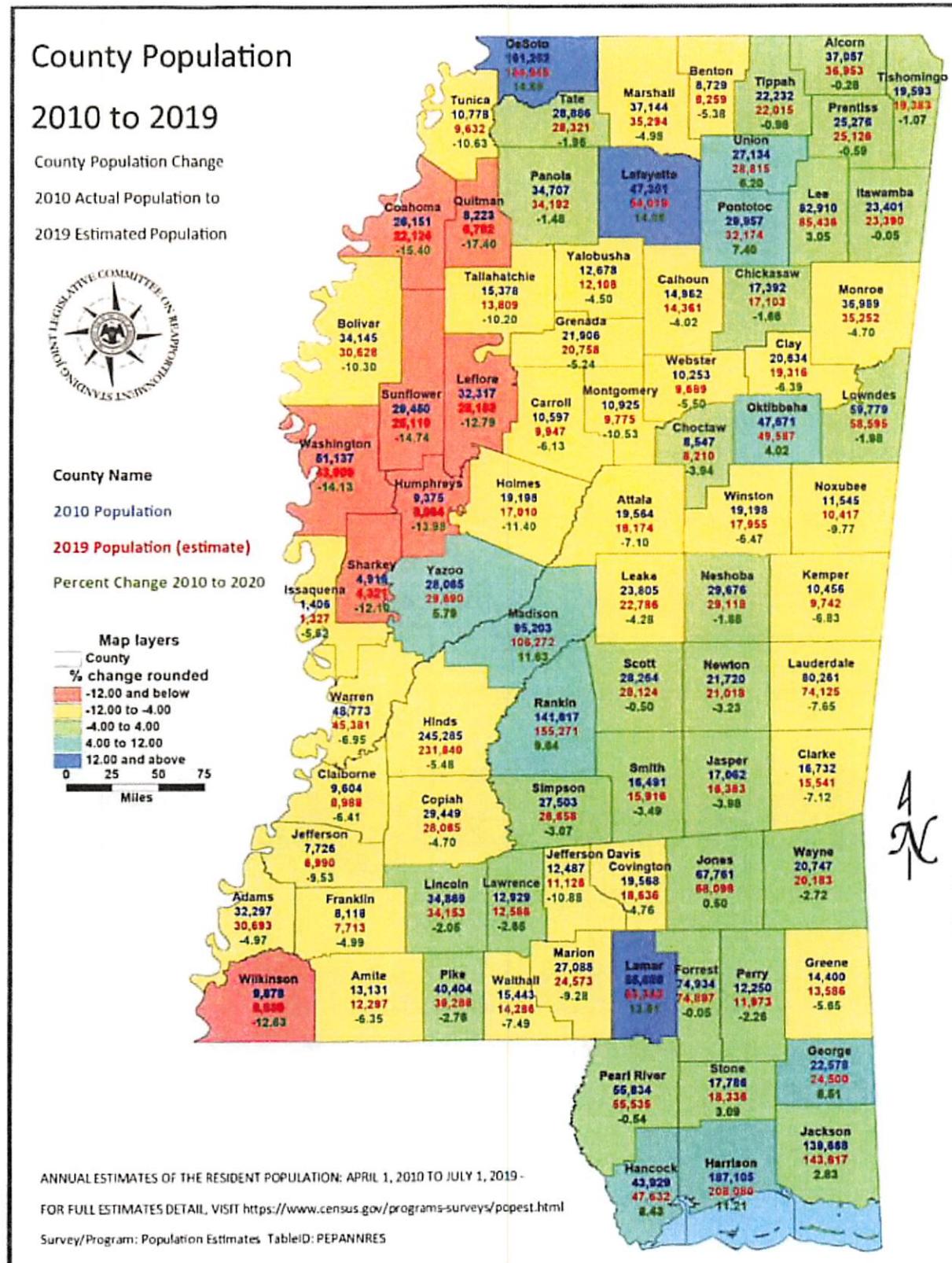
Please Sign In!

ASK FOR A CARD
**TO BE RECOGNIZED TO SPEAK AND/OR
PRESENT DOCUMENTS FOR THE RECORD.**



3:22-cv-734

PTX-053



Standing Joint Committee on Redistricting and Reapportionment

2020 Actual MS Statewide population: 2,961,279

2010 Actual MS Statewide population: 2,967,297

Statewide Change: loss of 6018 people

The 5% rule

A guideline called the "5% rule" allows for the population to be plus or minus five percent (+/-5%) of the ideal value.

Congress:

Mississippi has 4 Congressional districts. 2,961,279 (pop) divided by 4 (districts) results in an ideal population value for each house district of 740,320. The Congressional Districts have to be as equal in population as is practicable, so ideally each district will differ by only 1 person.

Senate:

Mississippi has 52 Senate districts.

2,961,279 (pop) divided by 52 (districts) results in an ideal population value for each Senate district of 56,948.

Using the 5% rule, a district could range in population from 54,101 to 59,795.

House Of Representatives

Mississippi has 122 House districts.

2,961,279 (pop) divided by 122 (districts) results in an ideal population value for each house district of 24,273.

Using the 5% rule, a district could range in population from 23,059 to 25,487.

Operations:

Mississippi will receive the population information on Sept 30th, 2021. This is known as the PL94-171 Census data, and will be available for public download on the Census website. The redistricting committee will open its public access office on October 10th, 2021. Individuals and groups may make appointments to use the legislative redistricting resources to develop plans for submission to the committee. For information, appointments, or to submit paper or digital input, please contact:

The Standing Joint Committee on Reapportionment and Redistricting

c/o Ted Booth

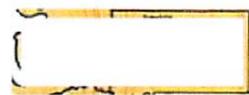
P.O. Box 1204

Jackson, MS 39215-1204

Ted.Booth@peer.ms.gov

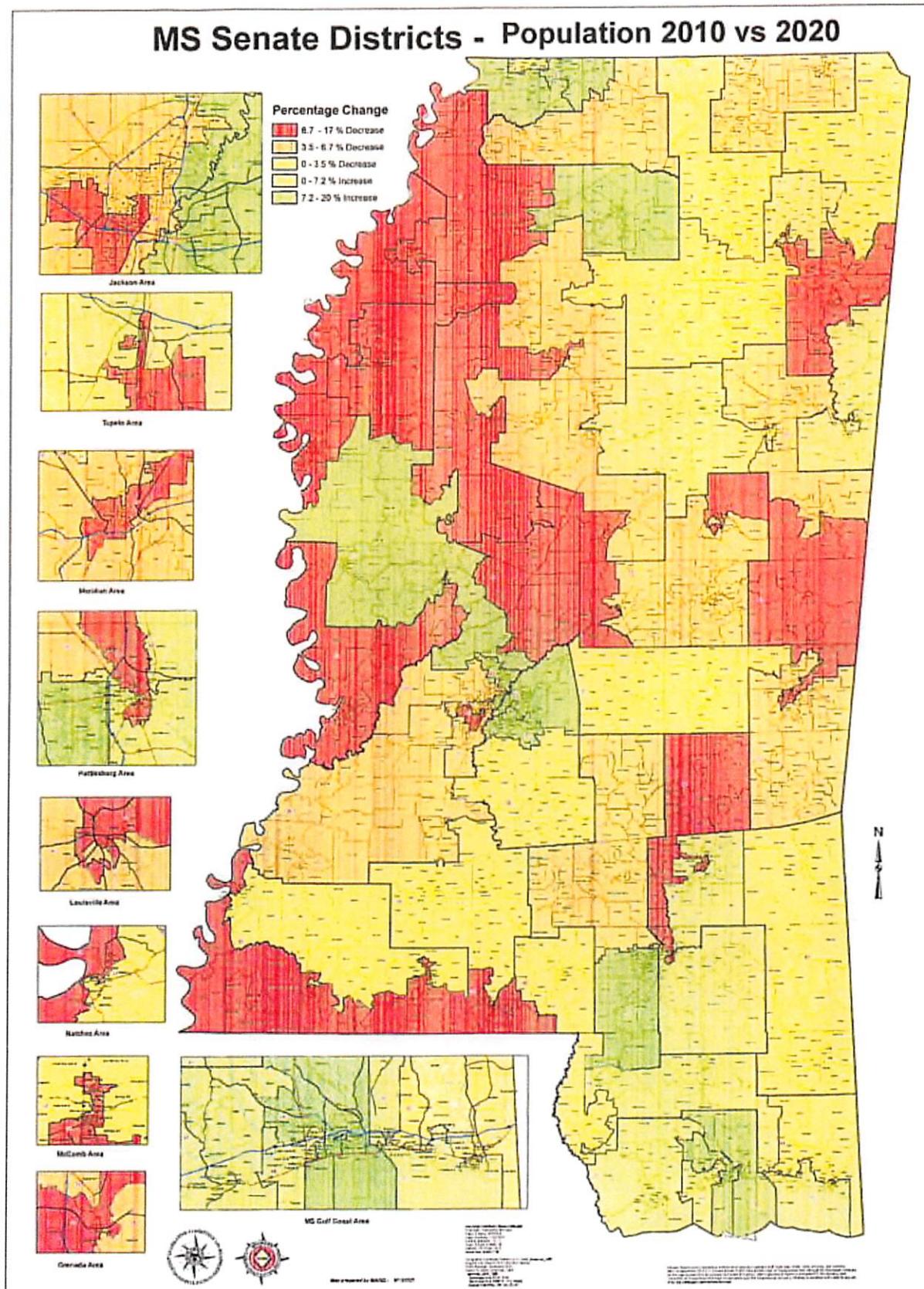
WEBSITE ADDRESS:

WWW.MSJRC.STATE.MS.US



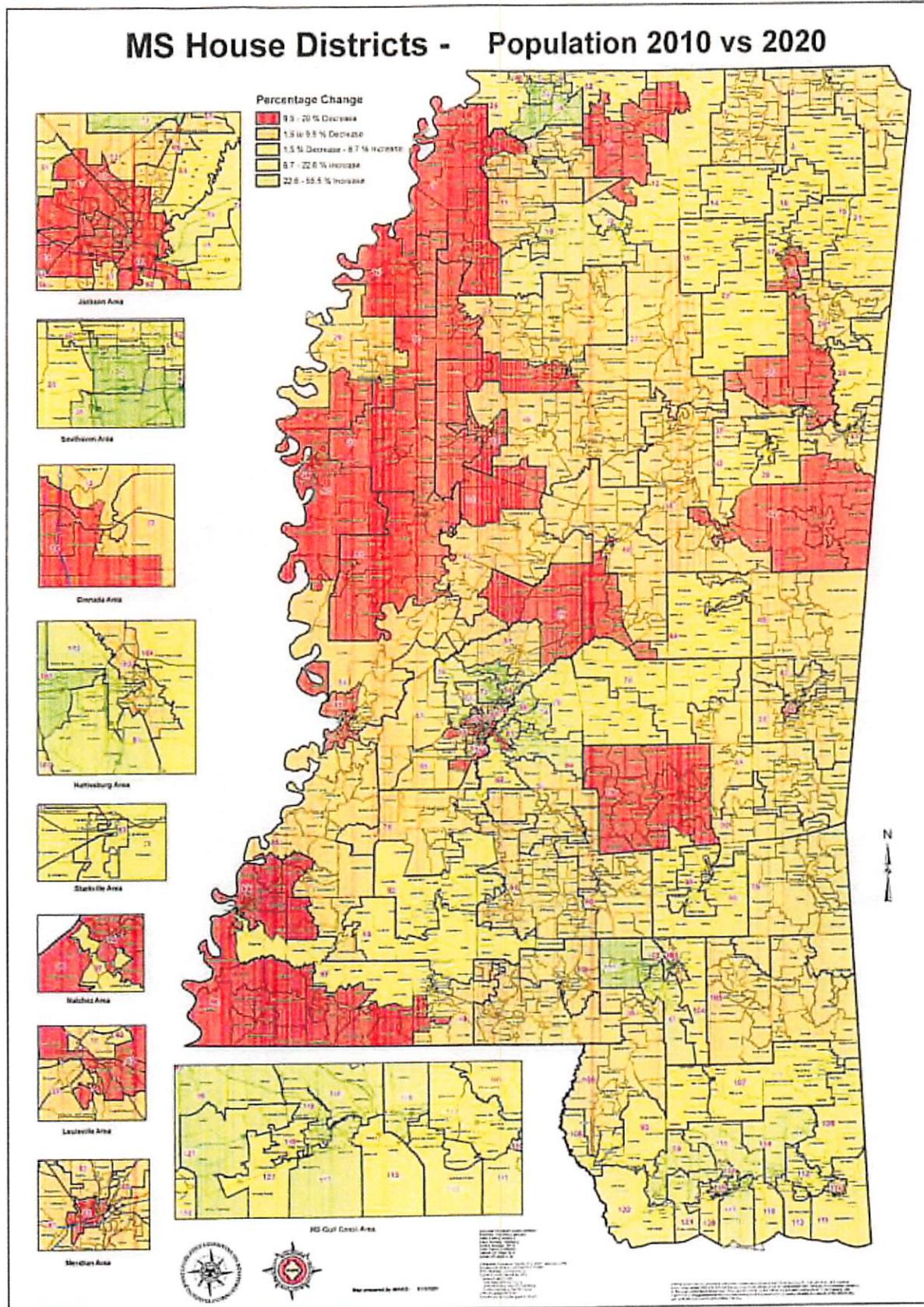
SDT-SJLCRR-002060

PTX-053-004



SDT-SJLCRR-002061

PTX-053-005



SDT-SJLCRR-002062

PTX-053-006

Mississippi Benchmark Demographics House of Representatives



August 15, 2021

BENCHMARK HOUSE SUMMARY 2020**POPULATION OF DISTRICTS - BENCHMARK****Plan Geography: Statewide****Precinct Year: 2020****Total Plan Population:**
2,961,279**Number of Districts:**
122**Ideal District Size:**
24,273**Summary Statistics**

	DISTRICT	TOTAL	DEVN	% DEVN.
Highest Deviation:	73	36,218	11,945	49.21%
Highest Deviation:	24	32,330	8,057	33.19%
Highest Deviation:	28	31,833	7,560	31.15%
Lowest Deviation:	26	19,725	-4,548	-18.74%
Lowest Deviation:	69	19,529	-4,744	-19.54%
Lowest Deviation:	82	18,977	-5,296	-21.82%

DISTRICTS WITH 50 PERCENT OR MORE BLACK POPULATION

House District	Population	Deviation	%Deviation	Black	18+Population	18+Black	%BVAP
5	21,408	-2,865	-11.80%	12,998	17,239	10,502	60.92%
9	19,785	-4,488	-18.49%	13,754	15,077	10,000	66.33%
11	21,177	-3,096	-12.75%	13,537	15,838	9,681	61.13%
16	20,541	-3,732	-15.38%	12,653	15,502	9,169	59.15%
26	19,725	-4,548	-18.74%	15,009	14,599	10,699	73.29%
27	21,590	-2,683	-11.05%	14,263	16,107	10,426	64.73%
29	22,836	-1,437	-5.92%	15,134	17,396	11,143	64.05%
30	21,177	-3,096	-12.75%	13,381	17,049	10,356	60.74%
31	22,207	-2,066	-8.51%	15,724	17,066	11,772	68.98%
32	20,666	-3,607	-14.86%	17,009	15,061	12,058	80.06%
34	21,020	-3,253	-13.40%	12,867	16,136	9,580	59.37%
36	20,553	-3,720	-15.33%	13,689	16,149	10,443	64.67%
38	25,192	919	3.79%	13,819	19,668	10,284	52.29%
41	22,092	-2,181	-8.99%	15,925	17,060	11,703	68.60%
42	20,627	-3,646	-15.02%	13,962	15,682	10,393	66.27%
45	23,107	-1,166	-4.80%	13,401	17,647	9,935	56.30%
47	22,999	-1,274	-5.25%	16,079	18,545	12,455	67.16%
49	20,130	-4,143	-17.07%	14,685	15,410	10,877	70.58%
50	21,937	-2,336	-9.62%	15,184	16,727	11,248	67.24%
51	20,295	-3,978	-16.39%	16,230	14,911	11,528	77.31%
55	21,193	-3,080	-12.69%	14,329	16,210	10,452	64.48%
57	23,402	-871	-3.59%	16,441	17,438	12,105	69.42%
63	22,954	-1,319	-5.43%	14,392	18,611	11,511	61.85%
65	21,091	-3,182	-13.11%	16,692	16,094	12,417	77.15%
66	23,242	-1,031	-4.25%	16,149	17,895	11,850	66.22%
67	21,077	-3,196	-13.17%	18,185	16,272	13,925	85.58%
68	22,727	-1,546	-6.37%	15,638	17,619	11,776	66.84%

SDT-SJLCRR-002064

PTX-053-008

69	19,529	-4,744	-19.54%	16,697	15,016	12,585	83.81%
70	20,893	-3,380	-13.92%	15,265	17,151	12,158	70.89%
71	23,175	-1,098	-4.52%	18,848	17,025	13,357	78.46%
72	21,487	-2,786	-11.48%	15,959	16,792	12,236	72.87%
76	23,180	-1,093	-4.50%	14,967	17,840	11,143	62.46%
80	23,357	-916	-3.77%	16,250	17,168	11,711	68.21%
82	18,977	-5,296	-21.82%	15,491	14,050	11,143	79.31%
85	22,108	-2,165	-8.92%	14,627	17,251	11,114	64.43%
91	22,831	-1,442	-5.94%	12,309	17,726	9,389	52.97%
94	22,292	-1,981	-8.16%	15,442	17,558	11,761	66.98%
96	21,686	-2,587	-10.66%	13,007	17,278	10,057	58.21%
98	23,754	-519	-2.14%	15,879	17,892	11,490	64.22%
103	22,198	-2,075	-8.55%	15,955	16,878	11,721	69.45%
110	21,595	-2,678	-11.03%	13,858	16,881	10,748	63.67%
119	24,717	444	1.83%	15,805	18,403	11,321	61.52%

House District	Population	Deviation	%Deviation	Black	18+Population	18+Black	%BVAP
1	22,350	-1,923	-7.92%	691	17,612	521	2.96%
2	21,833	-2,440	-10.05%	3,719	16,832	2,769	16.45%
3	22,984	-1,289	-5.31%	2,479	17,855	1,938	10.85%
4	22,725	-1,548	-6.38%	3,489	17,414	2,664	15.30%
5	21,408	-2,865	-11.80%	12,998	17,239	10,502	60.92%
6	30,253	5,980	24.64%	10,359	22,742	7,459	32.80%
7	26,444	2,171	8.94%	8,652	20,428	6,223	30.46%
8	22,912	-1,361	-5.61%	5,808	17,788	4,346	24.43%
9	19,785	-4,488	-18.49%	13,754	15,077	10,000	66.33%
10	27,848	3,575	14.73%	6,747	21,570	4,975	23.06%
11	21,177	-3,096	-12.75%	13,537	15,838	9,681	61.13%
12	28,888	4,615	19.01%	5,669	24,877	4,514	18.15%
13	24,758	485	2.00%	4,853	18,892	3,650	19.32%
14	23,392	-881	-3.63%	3,894	17,797	2,922	16.42%
15	24,530	257	1.06%	2,831	18,220	2,100	11.53%
16	20,541	-3,732	-15.38%	12,653	15,502	9,169	59.15%
17	24,312	39	0.16%	6,697	18,745	4,713	25.14%
18	24,213	-60	-0.25%	4,259	18,482	3,120	16.88%
19	24,095	-178	-0.73%	1,861	18,515	1,344	7.26%
20	21,702	-2,571	-10.59%	3,354	16,800	2,512	14.95%
21	23,128	-1,145	-4.72%	1,705	18,062	1,337	7.40%
22	23,760	-513	-2.11%	8,831	18,288	6,625	36.23%
23	21,719	-2,554	-10.52%	4,786	17,055	3,678	21.57%
24	32,330	8,057	33.19%	8,840	24,089	6,367	26.43%
25	26,716	2,443	10.06%	8,600	20,010	6,025	30.11%
26	19,725	-4,548	-18.74%	15,009	14,599	10,699	73.29%
27	21,590	-2,683	-11.05%	14,263	16,107	10,426	64.73%
28	31,833	7,560	31.15%	3,307	23,430	2,489	10.62%
29	22,836	-1,437	-5.92%	15,134	17,396	11,143	64.05%

30	21,177	-3,096	-12.75%	13,381	17,049	10,356	60.74%
31	22,207	-2,066	-8.51%	15,724	17,066	11,772	68.98%
32	20,666	-3,607	-14.86%	17,009	15,061	12,058	80.06%
33	23,450	-823	-3.39%	10,372	18,381	7,664	41.70%
34	21,020	-3,253	-13.40%	12,867	16,136	9,580	59.37%
35	23,584	-689	-2.84%	6,652	18,387	5,029	27.35%
36	20,553	-3,720	-15.33%	13,689	16,149	10,443	64.67%
37	23,125	-1,148	-4.73%	6,855	18,003	5,147	28.59%
38	25,192	919	3.79%	13,819	19,668	10,284	52.29%
39	24,517	244	1.01%	5,147	19,226	4,023	20.92%
40	24,895	622	2.56%	12,441	18,064	8,425	46.64%
41	22,092	-2,181	-8.99%	15,925	17,060	11,703	68.60%
42	20,627	-3,646	-15.02%	13,962	15,682	10,393	66.27%
43	27,221	2,948	12.15%	5,529	23,496	4,544	19.34%
44	25,122	849	3.50%	3,869	18,361	2,610	14.21%
45	23,107	-1,166	-4.80%	13,401	17,647	9,935	56.30%
46	22,397	-1,876	-7.73%	7,157	17,915	5,531	30.87%
47	22,999	-1,274	-5.25%	16,079	18,545	12,455	67.16%
48	22,423	-1,850	-7.62%	6,749	17,110	4,906	28.67%
49	20,130	-4,143	-17.07%	14,685	15,410	10,877	70.58%
50	21,937	-2,336	-9.62%	15,184	16,727	11,248	67.24%
51	20,295	-3,978	-16.39%	16,230	14,911	11,528	77.31%
52	25,560	1,287	5.30%	7,368	19,624	5,391	27.47%
53	25,145	872	3.59%	7,803	19,091	5,832	30.55%
54	22,207	-2,066	-8.51%	6,328	17,343	4,689	27.04%
55	21,193	-3,080	-12.69%	14,329	16,210	10,452	64.48%
56	29,352	5,079	20.92%	8,340	22,561	6,106	27.06%
57	23,402	-871	-3.59%	16,441	17,438	12,105	69.42%
58	25,909	1,636	6.74%	4,472	19,844	3,194	16.10%
59	28,058	3,785	15.59%	4,189	21,528	2,976	13.82%
60	31,305	7,032	28.97%	6,987	23,363	5,076	21.73%
61	26,874	2,601	10.72%	7,859	21,251	6,088	28.65%
62	26,696	2,423	9.98%	4,423	20,262	3,271	16.14%
63	22,954	-1,319	-5.43%	14,392	18,611	11,511	61.85%
64	24,593	320	1.32%	9,790	19,678	7,258	36.88%
65	21,091	-3,182	-13.11%	16,692	16,094	12,417	77.15%
66	23,242	-1,031	-4.25%	16,149	17,895	11,850	66.22%
67	21,077	-3,196	-13.17%	18,185	16,272	13,925	85.58%
68	22,727	-1,546	-6.37%	15,638	17,619	11,776	66.84%
69	19,529	-4,744	-19.54%	16,697	15,016	12,585	83.81%
70	20,893	-3,380	-13.92%	15,265	17,151	12,158	70.89%
71	23,175	-1,098	-4.52%	18,848	17,025	13,357	78.46%
72	21,487	-2,786	-11.48%	15,959	16,792	12,236	72.87%
73	36,218	11,945	49.21%	6,840	27,211	5,085	18.69%
74	28,881	4,608	18.98%	5,282	22,703	3,930	17.31%
75	25,959	1,686	6.95%	6,840	18,898	4,982	26.36%
76	23,180	-1,093	-4.50%	14,967	17,840	11,143	62.46%

77	24,105	-168	-0.69%	7,258	18,339	5,362	29.24%
78	25,331	1,058	4.36%	8,232	18,963	6,021	31.75%
79	22,890	-1,383	-5.70%	6,881	17,700	5,012	28.32%
80	23,357	-916	-3.77%	16,250	17,168	11,711	68.21%
81	22,153	-2,120	-8.73%	5,348	17,363	4,201	24.20%
82	18,977	-5,296	-21.82%	15,491	14,050	11,143	79.31%
83	23,430	-843	-3.47%	6,099	17,883	4,251	23.77%
84	23,598	-675	-2.78%	8,168	18,231	6,091	33.41%
85	22,108	-2,165	-8.92%	14,627	17,251	11,114	64.43%
86	23,359	-914	-3.77%	8,503	17,778	6,188	34.81%
87	26,759	2,486	10.24%	6,844	20,242	4,681	23.13%
88	25,702	1,429	5.89%	2,898	19,654	2,178	11.08%
89	26,217	1,944	8.01%	5,363	20,121	3,801	18.89%
90	23,050	-1,223	-5.04%	7,569	17,613	5,524	31.36%
91	22,831	-1,442	-5.94%	12,309	17,726	9,389	52.97%
92	25,137	864	3.56%	5,445	19,373	4,094	21.13%
93	24,986	713	2.94%	3,065	19,299	2,293	11.88%
94	22,292	-1,981	-8.16%	15,442	17,558	11,761	66.98%
95	29,165	4,892	20.15%	1,768	22,452	1,248	5.56%
96	21,686	-2,587	-10.66%	13,007	17,278	10,057	58.21%
97	25,141	868	3.58%	7,622	19,841	5,543	27.94%
98	23,754	-519	-2.14%	15,879	17,892	11,490	64.22%
99	22,922	-1,351	-5.57%	6,029	17,536	4,580	26.12%
100	23,330	-943	-3.88%	6,498	17,768	4,763	26.81%
101	29,400	5,127	21.12%	5,142	21,443	3,503	16.34%
102	26,288	2,015	8.30%	9,862	22,446	7,821	34.84%
103	22,198	-2,075	-8.55%	15,955	16,878	11,721	69.45%
104	24,852	579	2.39%	3,202	18,274	2,249	12.31%
105	24,076	-197	-0.81%	4,497	19,053	3,858	20.25%
106	24,350	77	0.32%	2,852	18,892	2,219	11.75%
107	25,247	974	4.01%	2,569	19,229	1,959	10.19%
108	26,254	1,981	8.16%	4,279	20,144	3,155	15.66%
109	24,444	171	0.70%	854	18,371	636	3.46%
110	21,595	-2,678	-11.03%	13,858	16,881	10,748	63.67%
111	26,343	2,070	8.53%	4,464	20,059	3,047	15.19%
112	24,913	640	2.64%	5,830	18,971	4,150	21.88%
113	25,582	1,309	5.39%	2,203	19,719	1,607	8.15%
114	26,705	2,432	10.02%	2,969	20,405	2,097	10.28%
115	25,571	1,298	5.35%	6,873	19,517	4,819	24.69%
116	29,560	5,287	21.78%	3,194	22,407	2,124	9.48%
117	28,482	4,209	17.34%	6,580	22,738	4,875	21.44%
118	28,709	4,436	18.28%	8,072	21,340	5,316	24.91%
119	24,717	444	1.83%	15,805	18,403	11,321	61.52%
120	27,385	3,112	12.82%	3,919	21,519	2,768	12.86%
121	28,690	4,417	18.20%	5,891	22,038	4,209	19.10%
122	24,408	135	0.56%	3,428	19,158	2,450	12.79%
Grand Total	2,961,279	2,937,006		1,084,481	2,277,599	802,963	35.25%

Mississippi Benchmark Demographics Senate



August 15, 2021

SDT-SJLCRR-002068

PTX-053-012

BENCHMARK SENATE SUMMARY 2020

Plan Geography: Statewide

Precinct Year: 2020

Total Plan Population:
2,961,279Number of Districts:
52Ideal District Size:
56,948

Summary Statistics

	DISTRICT	TOTAL	DEVN	% DEVN.
Highest Deviation:	1	70,174	13,226	23.22%
Highest Deviation:	49	67,987	11,039	19.38%
Highest Deviation:	9	66,851	9,903	17.39%
Lowest Deviation:	11	50,162	-6,786	-11.92%
Lowest Deviation:	28	47,804	-9,144	-16.06%
Lowest Deviation:	12	46,704	-10,244	-17.99%

House District	Population	Deviation	%Deviation	Black	18+Population	18+Black	%BVAP
11	50,162	-6,786	-11.92%	37,319	37,189	26,605	71.54%
12	46,704	-10,244	-17.99%	33,174	35,875	24,653	68.72%
13	51,091	-5,857	-10.28%	36,594	39,599	27,464	69.36%
16	53,342	-3,606	-6.33%	32,910	41,455	24,691	59.56%
21	50,164	-6,784	-11.91%	34,037	37,741	24,915	66.02%
24	50,755	-6,193	-10.87%	39,282	38,053	28,698	75.42%
26	54,217	-2,731	-4.80%	37,041	42,146	28,277	67.09%
27	51,764	-5,184	-9.10%	36,839	40,177	27,964	69.60%
28	47,804	-9,144	-16.06%	41,047	36,090	30,407	84.25%
29	56,444	-504	-0.89%	35,949	44,596	26,881	60.28%
32	51,255	-5,693	-10.00%	34,142	38,907	24,846	63.86%
34	55,653	-1,295	-2.27%	31,172	42,383	22,928	54.10%
36	52,960	-3,988	-7.00%	34,180	41,868	26,327	62.88%
38	54,195	-2,753	-4.83%	34,702	42,029	26,019	61.91%

Senate Districts

Senate District	Population	Deviation	%Deviation	Black	18+Population	18+Black	%BVAP
1	70,174	13,226	23.22%	14,246	52,308	10,402	19.89%
2	61,092	4,144	7.28%	25,497	45,468	17,577	38.66%
3	57,884	936	1.64%	10,164	44,018	7,700	17.49%
4	56,555	-393	-0.69%	7,801	43,590	5,874	13.48%
5	58,680	1,732	3.04%	4,954	45,960	3,853	8.38%
6	62,466	5,518	9.69%	11,325	47,947	8,066	16.82%
7	51,631	-5,317	-9.34%	19,966	39,535	14,727	37.25%
8	53,112	-3,836	-6.74%	17,943	41,090	13,485	32.82%
9	66,851	9,903	17.39%	14,881	54,239	11,361	20.95%
10	52,188	-4,760	-8.36%	20,463	41,009	15,900	38.77%

11	50,162	-6,786	-11.92%	37,319	37,189	26,605	71.54%
12	46,704	-10,244	-17.99%	33,174	35,875	24,653	68.72%
13	51,091	-5,857	-10.28%	36,594	39,599	27,464	69.36%
14	52,127	-4,821	-8.47%	16,001	41,296	12,165	29.46%
15	55,784	-1,164	-2.04%	15,671	45,493	12,010	26.40%
16	53,342	-3,606	-6.33%	32,910	41,455	24,691	59.56%
17	54,637	-2,311	-4.06%	17,924	42,718	13,584	31.80%
18	51,707	-5,241	-9.20%	13,209	38,449	9,541	24.81%
19	63,676	6,728	11.81%	19,173	48,097	13,958	29.02%
20	63,273	6,325	11.11%	10,242	48,719	7,482	15.36%
21	50,164	-6,784	-11.91%	34,037	37,741	24,915	66.02%
22	63,851	6,903	12.12%	31,561	49,011	23,514	47.98%
23	52,098	-4,850	-8.52%	23,981	40,150	17,424	43.40%
24	50,755	-6,193	-10.87%	39,282	38,053	28,698	75.42%
25	66,557	9,609	16.87%	15,197	51,133	11,191	21.89%
26	54,217	-2,731	-4.80%	37,041	42,146	28,277	67.09%
27	51,764	-5,184	-9.10%	36,839	40,177	27,964	69.60%
28	47,804	-9,144	-16.06%	41,047	36,090	30,407	84.25%
29	56,444	-504	-0.89%	35,949	44,596	26,881	60.28%
30	63,420	6,472	11.36%	16,990	48,729	12,693	26.05%
31	56,086	-862	-1.51%	17,271	41,613	12,520	30.09%
32	51,255	-5,693	-10.00%	34,142	38,907	24,846	63.86%
33	52,532	-4,416	-7.75%	15,730	40,587	11,683	28.79%
34	55,653	-1,295	-2.27%	31,172	42,383	22,928	54.10%
35	58,788	1,840	3.23%	14,880	44,648	11,071	24.80%
36	52,960	-3,988	-7.00%	34,180	41,868	26,327	62.88%
37	54,441	-2,507	-4.40%	21,543	42,958	16,134	37.56%
38	54,195	-2,753	-4.83%	34,702	42,029	26,019	61.91%
39	54,934	-2,014	-3.54%	16,120	41,846	11,950	28.56%
40	56,925	-23	-0.04%	10,176	43,641	7,575	17.36%
41	53,262	-3,686	-6.47%	17,800	40,791	13,306	32.62%
42	56,895	-53	-0.09%	10,347	42,862	7,181	16.75%
43	57,659	711	1.25%	12,663	44,109	9,723	22.04%
44	60,825	3,877	6.81%	13,819	45,652	9,573	20.97%
45	58,523	1,575	2.77%	15,516	46,782	12,032	25.72%
46	61,034	4,086	7.17%	5,441	47,511	3,911	8.23%
47	61,408	4,460	7.83%	10,198	47,338	7,642	16.14%
48	62,655	5,707	10.02%	23,447	47,621	16,559	34.77%
49	67,987	11,039	19.38%	14,767	52,307	10,382	19.85%
50	62,998	6,050	10.62%	12,008	48,226	8,368	17.35%
51	58,801	1,853	3.25%	13,619	45,776	10,668	23.30%
52	61,253	4,305	7.56%	13,559	46,264	9,503	20.54%
Grand Total	2,961,279			1,084,481	2,277,599	802,963	